

AMENDMENTS TO THE CLAIMS

Upon entry of the present amendment, the status of the claims will be as shown below.

This listing of claims replaces all previous versions and listings of claims in the present application.

Listings of Claims

1. (Currently Amended) A data broadcast reproduction controller for controlling the reproduction of data broadcast including one or more data contents, comprising:
 - a receiver that receives data content of data broadcast and related information attached to said data broadcast;
 - a first storage that stores the data content of the data broadcast received by said receiver;
 - a reproducer that reproduces the data content of the data broadcast stored in said first storage;
 - a control information creator that creates control information for identifying the data content of the data broadcast based on given information included in the data content of the data broadcast received by said receiver or reproduced by said reproducer, and/or the related information;
 - a second storage that stores, during first reproduction by said reproducer, the data content of the data broadcast acquired from said first storage and control information corresponding to the data content;
 - a determiner that determines, during a second reproduction by said reproducer, whether or not the control information stored in said second storage and the control information corresponding to the data content of data broadcast to be reproduced coincide with each other;

and

a controller that controls said reproducer to reproduce the data broadcast, using the data content stored in said second storage, when said determiner determines that the control information stored in said second storage and the control information corresponding to said data content of the data broadcast to be reproduced coincide with each other, and that controls said reproducer to reboot the data broadcast, using the data content stored in said first storage when said determiner determines that the control information stored in said second storage and the control information corresponding to said data content of the data broadcast to be reproduced do not coincide with each other.

2. (Currently Amended) The data broadcast reproduction controller according to claim 1, wherein said control information creator creates control information based on given information included in the data content of the data broadcast received by said receiver, and/or the related information, to store said created control information to said first storage.

3. (Original) The data broadcast reproduction controller according to claim 2, wherein said control information creator creates control information at the time of a change in at least some of the information of the data broadcast received by said receiver or at given update timing.

4. (Original) The data broadcast reproduction controller according to claim 2, wherein said control information creator stores, during said first reproduction by said reproducer, the data content of the data broadcast acquired from said first storage and the control information corresponding to the data content into said second storage.

5. (Original) The data broadcast reproduction controller according to claim 4, wherein said control information creator stores, at the time of a change in at least some of the information of the data broadcast reproduced during said first reproduction by said reproducer, the data content of the data broadcast acquired from said first storage and the control information corresponding to the data content into said second storage.

6. (Original) The data broadcast reproduction controller according to claim 4, wherein said determiner determines, during said second reproduction by said reproducer, whether or not the control information stored in said second storage and the control information stored in said first storage coincide with each other.

7. (Original) The data broadcast reproduction controller according to claim 5, wherein said determiner determines, during said second reproduction by said reproducer, whether or not the control information stored in said second storage and the control information stored in said first storage coincide with each other.

8. (Currently Amended) The data broadcast reproduction controller according to claim 1, wherein said control information creator creates, during said first reproduction by said reproducer, control information based on given information included in the data content of the data broadcast acquired from said first storage, and/or the related information, to store the created control information into said second storage.

9. (Original) The data broadcast reproduction controller according to claim 8, wherein said control information creator stores, at the time of a change in at least some of the information of the data broadcast reproduced during said first reproduction by said reproducer, the data content of the data broadcast acquired from said first storage and the control information corresponding to the data content into said second storage.

10. (Original) The data broadcast reproduction controller according to claim 8, wherein said control information creator creates, during said second reproduction by said reproducer, control information based on given information included in the data content of the data broadcast acquired from said first storage and/or the related information, and said determiner determines, during said second reproduction by said reproducer, whether or not the control information stored in said second storage and the control information created by said control information creator coincide with each other.

11. (Original) The data broadcast reproduction controller according to claim 1, wherein said second reproduction includes reproduction at a different speed from that of said first reproduction.

12. (Currently Amended) The data broadcast reproduction controller according to claim 1, wherein said given information included in the data content of data broadcast, and/or the related information includes content-reference information described in a data script.

13. (Currently Amended) A data broadcast reproduction controller for controlling the reproduction of data broadcast including one or more data contents, comprising:

a receiver that receives data content of data broadcast and related information attached to said data broadcast;

a first storage that stores the data content of the data broadcast received by said receiver;

a reproducer that reproduces the data content of the data broadcast received by said receiver;

a control information creator that creates control information for identifying the data content of the data broadcast based on given information included in the data content of the data broadcast received by said receiver, and/or the related information;

a second storage that stores, during first reception by said receiver, the data content of the data broadcast acquired from said first storage and the control information corresponding to the data content;

a determiner that determines, during second reception by said receiver, whether or not the control information stored in said second storage and the control information corresponding to the data content of the data broadcast received by said receiver coincide with each other; and

a controller that controls said reproducer to reproduce data broadcast, using the data content stored in said second storage, when said determiner determines that the control information stored in said second storage and the control information corresponding to the data content of the data broadcast received by said receiver coincide with each other, and that controls said reproducer to reboot the data broadcast, using the data content stored in said first storage when said determiner determines that the control information stored in said second storage and

the control information corresponding to said data content of the data broadcast to be reproduced does not coincide with each other.

14. (Original) The data broadcast reproduction controller according to claim 13, wherein said control information creator creates control information at the time of a change in at least some of the information of the data broadcast received by said receiver during said first reception by said receiver.

15. (Original) The data broadcast reproduction controller according to claim 13, wherein said first reception takes place before a receiving channel is changed, and said second reception takes place after the receiving channel is changed.

16. (Currently Amended) The data broadcast reproduction controller according to claim 13, wherein said given information included in the data content of data broadcast, and/or the related information includes content-reference information described in a data script.

17. (Currently Amended) A method for controlling the reproduction of data broadcast including one or more data contents, comprising the steps of:
receiving data content of data broadcast and related information attached to said data broadcast;
storing the data content of said received data broadcast into a first storage;
reproducing the data content of the data broadcast stored in said first storage;

creating control information for identifying the data content of the data broadcast based on given information included in the data content of said received or reproduced data broadcast and/or the related information;

storing, during first reproduction, the data content of the data broadcast acquired from said first storage and the control information corresponding to the data content into a second storage;

determining, during second reproduction, whether or not the control information stored in said second storage and the control information corresponding to the data content of data broadcast to be reproduced coincide with each other; and

controlling the reproduction such that the data broadcast is reproduced, using the data content stored in said second storage, when it is determined that the control information stored in said second storage and the control information corresponding to the data content of said data broadcast to be reproduced coincide with each other, and controlling the reproduction such that the data broadcast is rebooted, using the data content stored in said first storage when it is determined that the control information stored in said second storage and the control information corresponding to said data content of the data broadcast to be reproduced does not coincide with each other.

18. (Currently Amended) A method for controlling the reproduction of data broadcast including one or more data contents, comprising the steps of:

receiving data content of data broadcast and related information attached to said data broadcast;

storing the data content of said received data broadcast into a first storage;

reproducing the data content of said received data broadcast;

creating control information for identifying the data content of the data broadcast based on given information included in the data content of said received data broadcast and/or the related information;

storing, during first reception, the data content of the data broadcast acquired from said first storage and the control information corresponding to the data content into a second storage;

determining, during second reception, whether or not the control information stored in said second storage and the control information corresponding to the data content of said received data broadcast coincide with each other; and

controlling the reproduction such that the data broadcast is reproduced, using the data content stored in said second storage, when it is determined that the control information stored in said second storage and the control information corresponding to the data content of said received data broadcast coincide with each other, and controlling the reproduction such that the data broadcast is rebooted, using the data content stored in said first storage when it is determined that the control information stored in said second storage and the control information corresponding to said data content of the data broadcast to be reproduced does not coincide with each other.

19. (Currently Amended) A data broadcast reproduction control program which is executable by a computer and controls the reproduction of data broadcast including one or more data contents,

said data broadcast reproduction control program allowing said computer to execute the processes of:

receiving data content of data broadcast and related information attached to said data broadcast;

storing the data content of said received data broadcast into a first storage;

reproducing the data content of the data broadcast stored in said first storage;

creating control information for identifying the data content of the data broadcast based on given information included in the data content of said received or reproduced data broadcast, and/or the related information;

storing, during first reproduction, the data content of the data broadcast acquired from said first storage and the control information corresponding to the data content into a second storage;

determining, during second reproduction, whether or not the control information stored in said second storage and the control information corresponding to the data content of data broadcast to be reproduced coincide with each other; and

controlling the reproduction such that the data broadcast is reproduced, using the data content stored in said second storage, when it is determined that the control information stored in said second storage and the control information corresponding to the data content of said data broadcast to be reproduced coincide with each other, and controlling the reproduction such that the data broadcast is rebooted, using the data content stored in said first storage when it is determined that the control information stored in said second storage and the control information corresponding to said data content of the data broadcast to be reproduced does not coincide with each other.

20. (Currently Amended) A data broadcast reproduction control program which is executable by a computer and controls the reproduction of data broadcast including one or more data contents,

said data broadcast reproduction control program allowing said computer to execute the processes of:

receiving data content of data broadcast and related information attached to said data broadcast;

storing the data content of said received data broadcast into a first storage;

reproducing the data content of said received data broadcast;

creating control information for identifying the data content of the data broadcast based on given information included in the data content of said received data broadcast, and/or the related information;

storing, during first reception, the data content of the data broadcast acquired from said first storage and the control information corresponding to the data content into a second storage;

determining, during second reception, whether or not the control information stored in said second storage and the control information corresponding to the data content of said received data broadcast coincide with each other; and

controlling the reproduction such that the data broadcast is reproduced, using the data content stored in said second storage, when it is determined that the control information stored in said second storage and the control information corresponding to the data content of said received data broadcast coincide with each other, and controlling the reproduction such that the data broadcast is rebooted, using the data content stored in said first storage when it is determined that the control information stored in said second storage and the control information

corresponding to said data content of the data broadcast to be reproduced does not coincide with each other.

21. (Currently Amended) A computer-readable recording medium in which a data broadcast reproduction control program for controlling the reproduction of data broadcast including one or more data contents is recorded,

 said data broadcast reproduction control program allowing said computer to execute the processes of:

 receiving data content of data broadcast and related information attached to said data broadcast;

 storing the data content of said received data broadcast into a first storage;

 reproducing the data content of the data broadcast stored in said first storage;

 creating control information for identifying the data content of the data broadcast based on given information included in the data content of said received or reproduced data broadcast and/or the related information;

 storing, during first reproduction, the data content of the data broadcast acquired from said first storage and the control information corresponding to the data content into a second storage;

 determining, during second reproduction, whether or not the control information stored in said second storage and the control information corresponding to the data content of data broadcast to be reproduced coincide with each other; and

 controlling the reproduction such that the data broadcast is reproduced, using the data content stored in said second storage, when it is determined that the control information stored in

said second storage and the control information corresponding to the data content of said data broadcast to be reproduced coincide with each other, and controlling the reproduction such that the data broadcast is rebooted, using the data content stored in said first storage when it is determined that the control information stored in said second storage and the control information corresponding to said data content of the data broadcast to be reproduced does not coincide with each other.

22. (Currently Amended) A computer-readable recording medium in which a data broadcast reproduction control program for controlling the reproduction of data broadcast including one or more data contents is recorded,
said data broadcast reproduction control program allowing said computer to execute the processes of:
 - receiving data content of data broadcast and related information attached to said data broadcast;
 - storing the data content of said received data broadcast into a first storage;
 - reproducing the data content of said received data broadcast;
 - creating control information for identifying the data content of the data broadcast based on given information included in the data content of said received data broadcast and/or the related information;
 - storing, during first reception, the data content of the data broadcast acquired from said first storage and the control information corresponding to the data content into a second storage;

determining, during second reception, whether or not the control information stored in said second storage and the control information corresponding to the data content of said received data broadcast coincide with each other; and

controlling the reproduction such that the data broadcast is reproduced, using the data content stored in said second storage, when it is determined that the control information stored in said second storage and the control information corresponding to the data content of said received data broadcast coincide with each other, and controlling the reproduction such that the data broadcast is rebooted, using the data content stored in said first storage when it is determined that the control information stored in said second storage and the control information corresponding to said data content of the data broadcast to be reproduced does not coincide with each other.